



CofC #

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Inventors: Kenneth E. Knapp et al. Patent No: 6,994,550  
Serial No: 10/622,626 Issue Date: February 7, 2006  
Filing Date: July 17, 2003 Examiner: Cary E. O'Connor  
Atty. Docket No: NANO-001 GAU: 3732

For: VAPOR DEPOSITED TITANIUM AND TITANIUM-NITRIDE LAYERS FOR  
DENTAL DEVICES

July 14, 2006

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313

**Certificate**  
JUL 21 2006  
**of Correction**

Request for Certificate of Correction under 37 C.F.R. §1.323

Sir:

Enclosed are three copies of a two-page Certificate of Correction for the above-referenced patent. Because some of the errors appear to be made by the Patent Office and some of the errors appear to be made by the applicant a check is enclosed in the amount of \$100.00 as required under 37 CFR 1.20(a). Please issue the enclosed Certificate of Correction.


Respectfully submitted,

CERTIFICATE OF MAILING

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to the Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313, on July 14, 2006.

Date: 7-14-06

  
Mark Lauer

  
Mark Lauer  
Reg. No. 36,578  
6601 Koll Center Parkway  
Suite 245  
Pleasanton, CA 94566  
Tel: (925) 484-9295  
Fax: (925) 484-9291

07/20/2006 MAHME2 00000039 6994550

01 FC:1811

100.00 OP

JUL 21 2006

## UNITED STATES PATENT AND TRADEMARK OFFICE CERTIFICATE OF CORRECTION

Page 1 of 2

PATENT NO. : 6,994,550  
APPLICATION NO.: 10/622,626  
ISSUE DATE : February 7, 2006  
INVENTOR(S) : Knapp et al.

It is certified that an error appears or errors appear in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

In column 9, line 33, add the following word in claim 1:

"the" should be added after "than" and before "thickness" to read "than the thickness"

In column 9, line 33, correct the following word in claim 11:

"titanium" should be "titanium-nitride"

In column 9, line 64, correct the following word in claim 11:

"(TN)" should be "(TiN)"

In column 10, line 35, add the following word in claim 20:

"(TiN)" should be added after "titanium-nitride" and before "that" to read "titanium-nitride (TiN) that"

In column 10, line 37, correct the following word in claim 20:

"(TN)" should be "(TiN)"

### MAILING ADDRESS OF SENDER (Please do not use customer number below):

Mark Lauer  
6601 Koll Center Parkway, Suite 245  
Pleasanton, CA 94566

This collection of information is required by 37 CFR 1.322, 1.323, and 1.324. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 1.0 hour to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Attention Certificate of Corrections Branch, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

*If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.*

JUL 21 2006

**UNITED STATES PATENT AND TRADEMARK OFFICE  
CERTIFICATE OF CORRECTION**

Page 2 of 2

PATENT NO. : 6,994,550  
APPLICATION NO.: 10/622,626  
ISSUE DATE : February 7, 2006  
INVENTOR(S) : Knapp et al.

It is certified that an error appears or errors appear in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

In column 10, line 53, correct the following punctuation in claim 21:

":" should be ";

In column 10, line 64, correct the following word in claim 22:

"to" should be "the"

**MAILING ADDRESS OF SENDER (Please do not use customer number below):**

Mark Lauer  
6601 Koll Center Parkway, Suite 245  
Pleasanton, CA 94566

This collection of information is required by 37 CFR 1.322, 1.323, and 1.324. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 1.0 hour to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: **Attention Certificate of Corrections Branch, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.**

*If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.*

**JUL 21 2006**

## UNITED STATES PATENT AND TRADEMARK OFFICE CERTIFICATE OF CORRECTION

Page 1 of 2

PATENT NO. : 6,994,550  
APPLICATION NO.: 10/622,626  
ISSUE DATE : February 7, 2006  
INVENTOR(S) : Knapp et al.

It is certified that an error appears or errors appear in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

In column 9, line 33, add the following word in claim 1:

"the" should be added after "than" and before "thickness" to read "than the thickness"

In column 9, line 33, correct the following word in claim 11:

"titanium" should be "titanium-nitride"

In column 9, line 64, correct the following word in claim 11:

"(TN)" should be "(TiN)"

In column 10, line 35, add the following word in claim 20:

"(TiN)" should be added after "titanium-nitride" and before "that" to read "titanium-nitride (TiN) that"

In column 10, line 37, correct the following word in claim 20:

"(TN)" should be "(TiN)"

### MAILING ADDRESS OF SENDER (Please do not use customer number below):

Mark Lauer  
6601 Koll Center Parkway, Suite 245  
Pleasanton, CA 94566

This collection of information is required by 37 CFR 1.322, 1.323, and 1.324. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 1.0 hour to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Attention Certificate of Corrections Branch, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

*If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.*

JUL 21 2006

**UNITED STATES PATENT AND TRADEMARK OFFICE  
CERTIFICATE OF CORRECTION**Page 2 of 2

PATENT NO. : 6,994,550

APPLICATION NO.: 10/622,626

ISSUE DATE : February 7, 2006

INVENTOR(S) : Knapp et al.

It is certified that an error appears or errors appear in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

In column 10, line 53, correct the following punctuation in claim 21:

":" should be ";;"

In column 10, line 64, correct the following word in claim 22:

"to" should be "the"

**MAILING ADDRESS OF SENDER (Please do not use customer number below):**

Mark Lauer

6601 Koll Center Parkway, Suite 245

Pleasanton, CA 94566

This collection of information is required by 37 CFR 1.322, 1.323, and 1.324. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 1.0 hour to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Attention Certificate of Corrections Branch, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

*If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.*

**JUL 21 2006**

## UNITED STATES PATENT AND TRADEMARK OFFICE CERTIFICATE OF CORRECTION

Page 1 of 2

PATENT NO. : 6,994,550  
APPLICATION NO.: 10/622,626  
ISSUE DATE : February 7, 2006  
INVENTOR(S) : Knapp et al.

It is certified that an error appears or errors appear in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

In column 9, line 33, add the following word in claim 1:

"the" should be added after "than" and before "thickness" to read "than the thickness"

In column 9, line 33, correct the following word in claim 11:

"titanium" should be "titanium-nitride"

In column 9, line 64, correct the following word in claim 11:

"(TN)" should be "(TiN)"

In column 10, line 35, add the following word in claim 20:

"(TiN)" should be added after "titanium-nitride" and before "that" to read "titanium-nitride (TiN) that"

In column 10, line 37, correct the following word in claim 20:

"(TN)" should be "(TiN)"

### MAILING ADDRESS OF SENDER (Please do not use customer number below):

Mark Lauer  
6601 Koll Center Parkway, Suite 245  
Pleasanton, CA 94566

This collection of information is required by 37 CFR 1.322, 1.323, and 1.324. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 1.0 hour to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: **Attention Certificate of Corrections Branch, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.**

*If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.*

JUL 21 2006

## UNITED STATES PATENT AND TRADEMARK OFFICE CERTIFICATE OF CORRECTION

Page 2 of 2

PATENT NO. : 6,994,550  
APPLICATION NO.: 10/622,626  
ISSUE DATE : February 7, 2006  
INVENTOR(S) : Knapp et al.

It is certified that an error appears or errors appear in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

In column 10, line 53, correct the following punctuation in claim 21:

":" should be ";;"

In column 10, line 64, correct the following word in claim 22:

"to" should be "the"

**MAILING ADDRESS OF SENDER (Please do not use customer number below):**

Mark Lauer  
6601 Koll Center Parkway, Suite 245  
Pleasanton, CA 94566

This collection of information is required by 37 CFR 1.322, 1.323, and 1.324. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 1.0 hour to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: **Attention Certificate of Corrections Branch, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.**

*If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.*

**JUL 21 2006**